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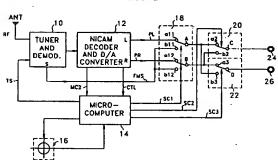
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- Multivoice broadcast search method and apparatus in NiCAM broadcasting receiver.
- (57) Disclosed are a multivoice broadcast search method and apparatus thereof comprising a tuner and demodulator 10 for processing radio frequency signals received from an antenna ANT and outputting FM audio signal FMS and NICAM broadcasting signals, a NICAM decoder and D/A converter 12 for receiving the NICAM signals from the tuner and demodulator 10, decoding and D/A converting the NICAM signals, so as to output a PCM L-channel signal PL and a PCM R-channel signal PR, and simultaneously supplying broadcasting state recognition signals MC2 and CTL to a microcomputer 14, first to third switching means for selecting and outputting a predetermined signal among the FM audio signal FMS, the PCM L-channel signal PL and the PCM R-channel signal PR under the control of the microcomputer 14, thereby the user can be informed what languages in the present multivoice broadcast are broadcast.

The multivoice broadcast search method comprises the steps of checking if the present received broadcast is a multivoice broadcast or not, storing logic values of the present broadcasting state, searching each of language broadcasts of the multivoice broadcast by setting the control signals to

predetermined values, holding them for a predetermined time and outputting each of the language broadcasts sequentially for a predetermined time, and returning to the stored original broadcasting state so as to output it.





## EUROPEAN SEARCH REPORT

**Application Number** 

EP 91 10 6080

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document wi	th indication, where appropriate, want passages	Rele		TION OF THE IN (Int. Cl.5)
Α	ELEKTRONIK vol. 39, no. 6 pages 50 - 56; T. HILPERT MULTISTANDARD-AUDIO- * page 51, left column, line	ET AL.: 'DIGITALER CHIPSATZ'		H 04 N 5/60	
Α	EP-A-0 239 760 (GRUNDIG)  * abstract * * * page 6, line 26 - page 7, line 6 * *		1,4		
<b>A</b>	DE-A-3 843 451 (ROBER * column 1, line 60 - column line 56 * *		1,4 ne 10 -		
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					AL FIELDS (Int. Cl.5)
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	The present search report has	been drawn up for all claims			
	Place of search  The Hague  Date of completion of search  Of February 92			Examiner SCHINNER	Ι Δ
Y:   A:	CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same catagory  A: technological background		E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons		
P: 1	non-written disclosure Intermediate document theory or principle underlying the in	vention	&: member of the document	e same patent family, com	esponding